

A FIFTH SUMMARY OF THE VERBENACEAE, AVICENNIACEAE, STILBACEAE,
DICRASTYLIDACEAE, SYMPHOREMACEAE, NYCTANTHACEAE, AND
ERIOCAULACEAE OF THE WORLD AS TO VALID TAXA, GEOGRAPHIC
DISTRIBUTION, AND SYNONYMY.

Supplement 6

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Since the publication of the 5th supplement to the above work in PHYTOLOGIA, volume 31, number 5, on August 11, 1975, 5,070 new herbarium specimens have come to me from 24 institutional and private herbaria on five continents. This new material, in addition to a vast amount of new literature which has been examined by my wife and/or myself, has brought to light numerous new taxa, new geographic records, new invalid names and spellings, and additional emendations and corrections of former entries. These are presented herewith (as promised on page 974 of the original work).

Herbarium specimen or literature citations substantiating these records are presented, as usual, in my monographs of the genera involved or in their periodic supplements, mostly published in PHYTOLOGIA. Citation to place of publication of the names listed in Part II are also given in these monographs or their supplements.

Note: "Avicennia marina var. resinifera (Forst.) Bakh." should be changed to read "Avicennia marina var. resinifera (Forst. f.) Bakh." in every place on the 13 pages where it occurs in the original work or in its supplements previous to this one.

Addenda & errata to Part I: The known geographic distribution of the accepted taxa:

UNITED STATES OF AMERICA:

New York:

xVerbena engelmannii Moldenke [Suffolk County]

Verbena urticifolia var. leiocarpa Perry & Fernald [Schuyler County]

New Jersey:

Verbena simplex Lehm. [Atlantic County]

Virginia:

Verbena hastata L. [Pittsylvania County]

Verbena urticifolia L. [Pittsylvania County]

Verbena urticifolia var. leiocarpa Perry & Fernald [Surrey County]

South Carolina:

Callicarpa americana L. [Turtle Island]

Lantana camara var. mista (L.) L. H. Bailey [Beaufort & Charleston Counties]

Lantana camara var. splendens (Medic.) Moldenke [Orangeburg County]

Georgia:

Lantana camara var. mista (L.) L. H. Bailey [Sea Island]

Lantana camara var. splendens (Medic.) Moldenke [Saint Simon's Island]

Verbena bonariensis L. [Spalding County]

Florida:

Avicennia germinans (L.) L. [Biscayne, Crawfish, Mangrove, & Ragged Keys]

Callicarpa americana L. [Sanibel Island]

Citharexylum fruticosum var. villosum (Jacq.) O. E. Schulz [Biscayne Key]

Clerodendrum indicum (L.) Kuntze [Biscayne Key & Sanibel Island]

Clerodendrum philippinum Schau. [Monroe County]

Clerodendrum umbellatum var. speciosum (Dombrain) Moldenke [Seminole County]

Duranta repens L. [Largo Key]

Eriocaulon compressum Lam. [Gilchrist County]

Lantana camara var. splendens (Medic.) Moldenke [Manatee & Palm Beach Counties]

Lantana camara var. ternata Moldenke [Manatee County]

Lantana depressa Small [Collier County]

Lantana involucrata L. [Ramrod Key]

Phyla nodiflora (L.) Greene [Mullet Key]

Phyla strigulosa var. sericea (Kuntze) Moldenke [Dade County]

Syngonanthus flavidulus (Michx.) Ruhl. [Nassau County; Pine Island]

Verbena maritima Small [Long Key]

Vitex trifolia var. subtrisecta (Kuntze) Moldenke [Indian River County]

Alabama:

Phyla nodiflora (L.) Greene [Dauphin Island]

Verbena brasiliensis Vell. [Montgomery County]

Mississippi:

Syngonanthus flavidulus (Michx.) Ruhl. [Holmes County]

Ohio:

Verbena hastata L. [Auglaize County]

Indiana:

Verbena hastata var. scabra Moldenke [Tippecanoe County]

Tennessee:

Verbena simplex Lehm. [Morgan County]

Verbena simplex var. eggerti Moldenke [Davidson County]

Michigan:

Phyla lanceolata (Michx.) Greene [Branch County]

Verbena bracteata Lag. & Rodr. [Grand Traverse County]

xVerbena engelmannii Moldenke [Ingham County]

Verbena hastata L. [Macomb & Otsego Counties]

Verbena stricta Vent. [Antrim & Macomb Counties]

Wisconsin:

Verbena canadensis (L.) Britton [Walworth County]

xVerbena moechina Moldenke [Rock County]

Verbena officinalis L. — to be deleted

xVerbena perriana Moldenke [Marquette County]

Verbena simplex var. eggerti Moldenke [Walworth County]

Verbena urticifolia L. [Jefferson County]

Kansas:

Verbena bipinnatifida Nutt. [Leavenworth County]

Verbena hastata var. scabra Moldenke [Dickinson County]

Missouri:

Phyla lanceolata (Michx.) Greene [Oregon County]

xVerbena moechina Moldenke [Reynolds County]

Verbena stricta Vent. [Cass County]

Arkansas:

Callicarpa americana L. [Stone County]

Phyla nodiflora var. texensis Moldenke [Crawford & Jefferson Counties]

Verbena bipinnatifida Nutt. [Little River County]

Verbena bracteata Lag. & Rodr. [Carroll County]

Verbena brasiliensis Vell. [Lincoln County]

Vitex agnus-castus L. [Nevada County]

Louisiana:

Clerodendrum bungei Steud. [East Baton Rouge, Pointe Coupee, & Tangipahoa Parishes]

Clerodendrum indicum (L.) Kuntze [Lafourche Parish]

Clerodendrum lindleyi var. paniculatum Moldenke [Pointe Coupee Parish]*

Duranta repens L. [Tangipahoa Parish]

Eriocaulon decangulare L. [Jackson Parish]

Lantana camara var. mista (L.) L. H. Bailey [Acadia, Ascension, East Baton Rouge, Iberia, Orleans, Saint Mary, & Saint Tammany Parishes; Avery & Avoca Islands]

Lantana camara f. parvifolia Moldenke [Saint Charles Parish]

Lantana camara var. splendens (Medic.) Moldenke [Ascension, Jefferson, Orleans, Saint Charles, Saint Mary, & West Feliciana Parishes]

Lantana montevidensis (Spreng.) Briq. [Saint Mary Parish]

Lantana tiliaefolia Cham. [Jefferson Parish; Grand Isle]

Phyla lanceolata (Michx.) Greene [Ascension, Bossier, Cameron, Iberville, Jefferson Davis, Lafayette, Ouachita, Rapides, Tangipahoa, & West Feliciana Parishes]

Phyla nodiflora (L.) Greene [Assumption & Lafayette Parishes; Grand & Shell Islands]

Phyla nodiflora var. texensis Moldenke [Bossier & East Feliciana Parishes]

Stylodon carneus (Medic.) Moldenke [Saint Helena & Tangipahoa Parishes]

xVerbena allenii Moldenke [LaSalle, Pointe Coupee, & Saint Helena Parishes]*

Verbena bipinnatifida Nutt. [LaSalle Parish]

Verbena bonariensis L. [Cameron, Iberia, Lafayette, Livingston, Pointe Coupee, Saint Mary, & Vermilion Parishes]

Verbena brasiliensis Vell. [Acadia, Saint Helena, Tangipahoa, & West Feliciana Parishes]

Verbena canadensis (L.) Britton [Ascension, Bossier, Caddo, Pointe Coupee, & Saint John the Baptist Parishes]

Verbena halei Small [East Baton Rouge, Jefferson Davis, Lafayette, Saint Charles, Saint Helena, Saint Mary, Terrebonne, Vermilion, & West Feliciana Parishes]

Verbena montevidensis Spreng. [Calcasieu, Cameron, East Baton Rouge, Jefferson Davis, Lafayette, Saint Landry, Tangipahoa, & Vermilion Parishes]

Verbena rigida Spreng. [Lafayette, Livingston, Ouachita, Pointe Coupee, Saint Helena, Saint Landry, Tangipahoa, & Union Parishes]

Verbena scabra Vahl [Catahoula, Jefferson, Pointe Coupee, Saint James, Saint Tammany, & West Feliciana Parishes; Grand Isle]

Verbena tenuisecta Briq. [Acadia, Rapides, Saint Helena, & Saint Tammany Parishes]

Verbena tenuisecta var. alba Moldenke [Saint Tammany Parish]

Verbena urticifolia L. [Lafayette, Pointe Coupee, Saint Helena, Tangipahoa, Terrebonne, & West Feliciana Parishes]

Verbena xutha Lehm. [Assumption, Calcasieu, Iberia, Lafayette, Madison, Pointe Coupee, Saint Mary, & West Feliciana Parishes; Choupique, Grand, & Turnbull Islands]

Vitex agnus-castus L. [East Baton Rouge & Tangipahoa Parishes]

Vitex agnus-castus var. caerulea Rehd. [Catahoula Parish]

Vitex agnus-castus f. rosea Rehd. [Winn Parish]

Nebraska:

Phyla lanceolata (Michx.) Greene [Colfax County]

Verbena bracteata Lag. & Rodr. [Pierce & Polk Counties]

Verbena hastata var. scabra Moldenke [Pierce County]

Oklahoma:

Phyla nodiflora var. texensis Moldenke [Alfalfa, Jefferson, Kiowa, & Pittsburg Counties]

Verbena bracteata Lag. & Rodr. [Marshall County]

xVerbena deamii Moldenke [Marshall County]

Verbena hastata var. scabra Moldenke [Ottawa County]

xVerbena illicita Moldenke [Marshall County]

xVerbena perriana Moldenke [Marshall County]

Texas:

Aloysia gratissima f. macrophylla Moldenke — delete the asterisk

Citharexylum spathulatum Moldenke & Lundell — delete the asterisk

Phyla nodiflora var. incisa (Small) Moldenke [Austin, Erath, Hidalgo, Jackson, Jefferson, Jim Hogg, Matagorda, Navarro, Orange, Travis, Vistoria, Washington, & Webb Counties; El Toro & Horse Islands]

Phyla nodiflora var. texensis Moldenke [Cooke, Karnes, & Red River Counties]

Verbena canescens H.B.K. [Tarrant County]

Verbena canescens var. roemeriana (Scheele) Perry [Caldwell County]

Verbena delticola Small [Nueces County]

Verbena halei f. parviflora Moldenke [Galveston Island]*

Verbena hastata var. scabra Moldenke [Hutchinson County]

Verbena xutha Lehm. [Orange County]

Arizona:

Verbena ehrenbergiana Schau. — to be deleted

Verbena wrightii A. Gray [Santa Cruz County]

California:

Verbena lasiostachys Link [Humboldt County]

CHANNEL ISLANDS:

Verbena bracteata Lag. & Rodr. [Santa Catalina]

MEXICO:

Aloysia gratissima f. macrophylla Moldenke [Chihuahua]

Bouchea spathulata var. longiflora Moldenke [Chihuahua]

Citharexylum cooperi Standl. [Chiapas]

Citharexylum spathulatum Moldenke & Lundell [Chihuahua, San Luis Potosí, & Zacatecas]

Lantana achyranthifolia Desf. [Querétaro]

Lantana camara var. moritziana (Otto & Dietr.) López-Palacios [Tabasco]

Lantana camara f. parvifolia Moldenke [Jalisco & San Luis Potosí]

Lantana camara var. splendens (Medic.) Moldenke [Chiapas & Veracruz]

Lantana horrida H.B.K. [Querétaro]

Lantana macropoda Torr. [Zacatecas]

Lantana velutina f. violacea Moldenke [Jalisco]

Lippia controversa var. brevipedunculata Moldenke — delete the asterisk

Lippia curtisiana Moldenke [Coahuila]

Petrea volubilis L. [México]

Phyla cuneifolia (Torr.) Greene [Chihuahua]

Phyla nodiflora (L.) Greene [Chiapas]

Phyla strigulosa var. sericea (Kuntze) Moldenke [Chihuahua]

Stachytarpheta angustifolia (Mill.) Vahl [Chiapas]

Stachytarpheta jamaicensis f. atrocoerulea Moldenke [Veracruz & Yucatán]

- Verbena amoena Part. [Chihuahua]
Verbena bonariensis L. [Federal District]
Verbena canescens H.B.K. [Jalisco]
Verbena ciliata var. longidentata Perry [Chihuahua, Nuevo León,
 & Zacatecas]
Verbena ehrenbergiana Schau. — add an asterisk
Verbena gentryi Moldenke [Chihuahua]
Verbena longifolia f. albiflora Moldenke [Veracruz]
Verbena neomexicana var. hirtella Perry [Zacatecas]
Verbena quadrangulata Heller [Coahuila]
Verbena rinconensis Moldenke [Zacatecas]
Vitex gaumeri Greenm. [Quintana Roo]
Vitex hemsleyi Briq. [Jalisco]

CAMPECHE BANK:

- Avicennia germinans (L.) L. [Alaoran]

GUATEMALA:

- Lantana hispida H.B.K. [Retalhuleu]
Stachytarpheta frantzii Polak [Izabal]

BELIZE:

- Callicarpa acuminata var. argutidentata Moldenke
Lantana camara var. moritziana (Otto & Dietr.) López-Palacios
Lantana camara var. splendens (Medic.) Moldenke
Stachytarpheta jamaicensis f. atrocoerulea Moldenke

HONDURAS:

- Aegiphila falcata Donn. Sm.
Aegiphila fasciculata Donn. Sm.
Aegiphila skutchii Moldenke
Eriocaulon seemannii Moldenke
Lantana camara var. splendens (Medic.) Moldenke
Lippia graveolens H.B.K. [Choluteca]
Lippia oxyphyllaria (Donn. Sm.) Standl.
Petrea aspera Turcz.
Phyla betulaeifolia (H.B.K.) Greene
Phyla stoechadifolia (L.) Small
Verbena tenuisecta Briq.

GULF OF HONDURAS ISLANDS:

- Citharexylum caudatum L. [Hunting]
Lantana involucrata var. odorata (L.) Moldenke [Chapel]
Phyla nodiflora var. incisa (Small) Moldenke [Lame]
Phyla nodiflora var. longifolia Moldenke [Frank's, Hunting, &
 Seal]

NICARAGUA:

- Avicennia germinans (L.) L. [Managua]
Cormutia grandifolia (Schlecht. & Cham.) Schau. [Estelí &
 Granada]
Ghinia spicata (Aubl.) Moldenke [Cabo Gracias a Dios]
Lantana camara var. splendens (Medic.) Moldenke [Managua]

Lantana velutina Mart. & Gal. [Estelí]
Lippia controversa var. brevipedunculata Moldenke [Granada]
Lippia myriocephala var. hypoleia (Briq.) Moldenke [Estelí]
Stachytarpheta frantzii Polak. [Granada]

COSTA RICA:

Aegiphila cephalophora Standl. [Heredia]
Aegiphila panamensis Moldenke [Heredia]
Lantana camara var. splendens (Medic.) Moldenke [Limón]
Lippia costaricensis Moldenke [Heredia]
Stachytarpheta jamaicensis f. atrocoerulea Moldenke [Limón]

PANAMA:

Aegiphila cephalophora Standl. [Darién] — delete the asterisk
Aegiphila pauciflora Standl. [Darién]
Citharexylum viride Moldenke [Veraguas]
Stachytarpheta jamaicensis (L.) Vahl [Darién]
Stachytarpheta jamaicensis f. atrocoerulea Moldenke [Bocas del
 Toro, Canal Zone, Chiriquí, & Colón; Taboga Island]
Tectona grandis f. punctata Moldenke [Canal Zone]
Tonina fluviatilis Aubl. [Veraguas]

BAHAMA ISLANDS:

Avicennia germinans (L.) L. [Drunkerman's, Gun, Southeast, &
 Well's]
Bouchea prismatica (L.) Kuntze [Deadman's]
Callicarpa hitchcockii Millsp. — to be deleted
Callicarpa lancifolia Millsp. [Andros, Cat, Eleuthera, & New
 Providence]
Citharexylum caudatum L. [Eleuthera]
Citharexylum fruticosum L. [Crooked]
Citharexylum fruticosum f. bahamense (Millsp.) Moldenke
 [North Andros & San Salvador]
Citharexylum fruticosum var. smallii Moldenke [South Andros]
Citharexylum fruticosum var. subvillosum Moldenke [Walker's;
 — delete "San Salvador"]
Duranta repens L. [North Andros]
Lantana bahamensis Britton [Great Abaco & Paradise]
Lantana balsamifera Britton [South Andros]
Lantana camara L. [Eleuthera]
Lantana camara var. mutabilis (Hook.) L. H. Bailey [Cat & El-
 euthera]
Lantana camara var. splendens (Medic.) Moldenke [Eleuthera,
 Grand Bahama, & Great Harbour]
Lantana demutata Millsp. [Great Inagua] — delete the asterisk
Lantana involucrata L. [Walker's]
Lantana involucrata f. rubella Moldenke [Eleuthera]
Petitia domingensis var. poepigii (Schau.) Moldenke [Eleu-
 thera]
Phyla nodiflora (L.) Greene [Walker's]
Phyla nodiflora var. reptans (Spreng.) Moldenke [Deadman's]

Phyla stoechadifolia (L.) Small [Crooked & Eleuthera]
Vitex trifolia var. subtrisecta (Kuntze) Moldenke [San Salvador]

TURKS AND CAICOS ISLANDS:

Avicennia germinans (L.) L. [Providenciales]
Citharexylum fruticosum var. subvillosum Moldenke [North Caicos]
Lantana bahamensis Britton [Middle Caicos & Providenciales]
Lantana demutata Millsp. [West Caicos]
Lantana involucrata f. rubella Moldenke [Grand Turk, North Caicos, Pine, & Providenciales]
Phyla stoechadifolia (L.) Small [North Caicos]
Stachytarpheta jamaicensis (L.) Vahl [North Caicos & Providenciales]

CUBA:

Callicarpa lancifolia Millsp. -- delete the asterisk
Eriocaulon ovoideum Britton & Small [Oriente]
Lantana parvifolia Desf. -- delete the asterisk
Paepalanthus pungens var. brevifolius Moldenke [Pinar del Río]
Verbena officinalis L. [Havana & Matanzas]

ISLA DE PINOS:

Eriocaulon ovoideum Britton & Small -- delete the asterisk
Lantana camara var. ternata Moldenke -- delete the asterisk

JAMAICA:

~~Citharexylum hybridum~~ Moldenke
Lantana involucrata var. odorata (L.) Moldenke

HISPANIOLA:

Lantana exarata Urb. & Ekm. -- delete the asterisk
Lantana leucocarpa f. anomala Moldenke [Dominican Republic]*
Lantana parvifolia Desf. [Dominican Republic]
Verbena domingensis f. foliosa Moldenke [Dominican Republic]*

PUERTO RICO:

Lantana exarata Urb. & Ekm.
Tectona grandis f. tomentella Moldenke

VIRGIN ISLANDS:

Bouchea prismatica var. brevirostra Grenz. [St. Croix]

WINDWARD ISLANDS:

Lantana camara var. moritziana (Otto & Dietr.) López-Palacios [Grenada, Martinique, & St. Vincent]
Lantana trifolia f. oppositifolia Moldenke [St. Vincent]
Tectona grandis f. canescens Moldenke [Barbados]

TRINIDAD AND TOBAGO:

Lantana camara var. splendens (Medic.) Moldenke [Tobago & Trinidad]

COLOMBIA:

Aegiphila caucensis Moldenke [Arauca]
Aegiphila elata Sw. [Caldas]
Aegiphila elata var. macrophylla (H.B.K.) López-Palacios [Ar-

- auca]
Aegiphila glandulifera Moldenke [Meta]
Aegiphila grandis Moldenke [Caldas & Santander]
Aegiphila integrifolia (Jacq.) Jacq. [Córdoba & Cundinamarca]
Aegiphila integrifolia var. guianensis (Moldenke) López-Palacios [Arauca & Nariffo]
Aegiphila laeta H.B.K. [Arauca]
Aegiphila mollis H.B.K. [Arauca]
Aegiphila sessiliflora var. cuatrecasasi Moldenke [Valle del Cauca]
Aegiphila ternifolia f. oppositifolia López-Palacios [Santander] — this is the corrected entry
Aegiphila truncata Moldenke [Santander]
Avicennia germinans (L.) L. [delete "Nariffo" & "Valle del Cauca"]
Avicennia germinans var. guayaquilensis (H.B.K.) Moldenke [Antioquia & Chocó]
Bouchea boyacana Moldenke [Cundinamarca & Valle del Cauca]
Bouchea prismatica (L.) Kuntze [Santander]
Callicarpa acuminata H.B.K. [Córdoba]
Citharexylum macrophyllum Poir. [Arauca]
Citharexylum ulei Moldenke — to be deleted
Citharexylum ulei var. obovatum Moldenke [Antioquia, Córdoba, & Putumayo]*
Clerodendrum ternifolium var. velutinosum Moldenke [Tolima]*
Cormutia odorata var. colombiana Moldenke [Arauca & Sucre]
Duranta mutisii L. f. [Norte de Santander]
Duranta repens L. [Córdoba]
Duranta tomentosa Hayek [Cauca]
Lantana armata Schau. [Córdoba & Santander]
Lantana armata var. velutina Moldenke [Cauca, Nariffo, & Norte de Santander]
Lantana camara var. flava (Medic.) Moldenke [Santander]
Lantana camara var. moritziana (Otto & Dietr.) López-Palacios [Arauca]
Lantana camara var. moritziana f. parvifolia (Moldenke) López-Palacios [Cundinamarca, Nariffo, & Tolima]
Lantana colombiana López-Palacios [Cauca, Cundinamarca, Nariffo, & Tolima]
Lantana cujabensis Schau. [Amazonas]
Lantana fucata Lindl. [Nariffo]
Lantana glutinosa Poepp. [Arauca, Chocó, Huila, & Santander]
Lantana lopez-palacii Moldenke [Norte de Santander & Tolima]
Lantana macrophylla var. grosseserrata Moldenke [Antioquia & Tolima]
Lantana rugulosa var. parvipedunculata Moldenke [Boyaca, Cauca, Nariffo, & Tolima]

- Lantana tomasii Moldenke — to be deleted
Lantana trifolia f. hirsuta Moldenke [Arauca]
Lippia alba (Mill.) N. E. Br. [Meta]
Lippia americana L. [Meta]
Lippia americana f. pilosa Moldenke [Santander]
Lippia origanoides H.B.K. [Cauca]
Paepalanthus andicola Körn. [Boyacá]
Paepalanthus karstenii var. corei Moldenke [Boyacá]
Paepalanthus karstenii var. subsessilis (Moldenke) Moldenke
 [Boyacá, Cundinamarca, & Meta]
Paepalanthus lodiculoides var. floccosus Moldenke [Boyacá & Cundinamarca]*
Paepalanthus subsessilis Moldenke — to be deleted
Petrea riparia Moldenke [Santander]
Petrea rugosa H.B.K. [Córdoba]
Petrea rugosa var. casta Moldenke [Cauca & Valle del Cauca]
Priva lappulacea (L.) Pers. [Arauca]
Priva lappulacea f. albiflora Moldenke [Cundinamarca]
Stachytarpheta cayennensis (L. C. Rich.) Vahl [Arauca & Córdoba]
Stachytarpheta dichotoma (Ruíz & Pav.) Vahl [Amazonas, Arauca, & Valle del Cauca]
Stachytarpheta mutabilis (Jacq.) Vahl [Arauca]
Syngonanthus caulescens (Poir.) Ruhl. [Boyacá]
Syngonanthus macrocaulon Ruhl. [Vaupés]
Syngonanthus oblongus (Körn.) Ruhl. [Vaupés]
Tectona grandis f. punctata Moldenke [Córdoba]
Verbena litoralis H.B.K. [Arauca]
Vitex cymosa Bert. [Caldas]
Vitex orinocensis H.B.K. [Meta]
Vitex orinocensis var. multiflora (Miq.) Huber [Córdoba]

VENEZUELA:

- Aegiphila filipes Mart. & Schau. [Lara]
Aegiphila laeta H.B.K. [Barinas]
Avicennia germinans var. cumanensis (H.B.K.) Moldenke [Miranda]
Avicennia germinans var. guayaquilensis (H.B.K.) Moldenke [Miranda]
Citharexylum mirifolium Moldenke [delete "Falcón"]
Clerodendrum philippinum Schau. [Mérida]
Clerodendrum wallichii Merr. [Mérida]
Duranta repens L. [Táchira]
Eriocaulon melanocephalum Kunth [Amazonas]
Lantana camara var. rubra Mosty [Miranda]
Lantana fucata Lindl. [Yaracuy]
Lantana trifolia f. hirsuta Moldenke [Barinas]
Leiothrix umbratilis var. brevipes Moldenke [Bolívar]*
Paepalanthus karstenii var. subsessilis (Moldenke) Moldenke

[Lara & Mérida]

Paepalanthus muscosus Körn. — to be deleted

Paepalanthus subsessilis Moldenke — to be deleted

Petrea arborea H.B.K. [Zulia]

Petrea kohautiana Presl [Aragua]

Petrea pubescens Turcz. [Trujillo]

Philodice hoffmannseggii Mart. [Delta Amacuro & Zulia; delete .
"Falcón"]

Syngonanthus comosus Alv. Silv. [Amazonas]

Syngonanthus fertilis (Körn.) Ruhl. — to be deleted

Syngonanthus lepriouri (Körn.) Ruhl. [Bolívar]

Vitex orinocensis H.B.K. — delete the asterisk

Vitex orinocensis var. multiflora (Miq.) Huber [Táchira]

GUYANA:

Lantana camara var. splendens (Medic.) Moldenke

SURINAM:

Lantana camara var. moritziana (Otto & Dietr.) López-Palacios

Syngonanthus fertilis (Körn.) Ruhl. — to be deleted

Syngonanthus humboldtii (Kunth) Ruhl.

Syngonanthus longipes Gleason

FRENCH GUIANA:

Syngonanthus lepriouri (Körn.) Ruhl. — delete the asterisk

Vitex stahelii Moldenke

ECUADOR:

Aegiphila alba Moldenke [Morona Santiago]

Aegiphila sellowiana Cham. [Morona Santiago]

Citharexylum lojense Moldenke [Loja]*

Citharexylum poeppigii Walp. [Los Ríos]

Verbena brasiliensis Vell. [Tunguragua]

Verbena demissa Moldenke [Chimborazo]

Verbena parvula var. gigas Moldenke [Pichincha]

Vitex gigantea H.B.K. [Morona Santiago]

Vitex moronensis Moldenke [Morona Santiago]*

Vitex orinocensis var. multiflora (Miq.) Huber [Morona Santia-
go]

Vitex schunkei Moldenke [Morona Santiago]

GALAPAGOS ISLANDS:

Verbena brasiliensis Vell. [Chatham]

PERU:

Aegiphila cordata var. villosissima (Moldenke) Moldenke [Huánu-
uco]

Lantana rugulosa var. parvipedunculata Moldenke — delete the
asterisk]

Lantana svensonii f. albiflora Moldenke [San Martín]

Lippia alba (Mill.) N. E. Br. [Padre Island]

Petrea martiana var. glabrescens Moldenke [Loreto & San Martín]

Phyla strigulosa (Mart. & Gal.) Moldenke [Tumbes]

Syngonanthus nitens (Bong.) Ruhl. [Amazonas]
Verbena occulta Moldenke [Arequipa]
Verbena parvula var. gigas Moldenke -- delete the asterisk
Vitex schunkei Moldenke -- delete the asterisk

BRAZIL:

Aegiphila australis Moldenke [Rio Grande do Sul]
Aloysia schulziana Moldenke [Rio Grande do Sul]
Bouchea pseudochascamm (Walp.) Grenz. [Maranhão]
Clerodendrum inerme (L.) Gaertn. [Guanabara]
Clerodendrum ulei Moldenke [Acre]
Lantana armata var. velutina Moldenke [Minas Gerais, Pernambuco, & São Paulo]
Lantana balansae Briq. [Paraná]
Lantana camara L. [Espírito Santo]
Lantana camara var. moritziana (Otto & Dietr.) López-Palacios [Bahia]
Lantana camara var. splendens (Medic.) Moldenke [Minas Gerais & Rio de Janeiro]
Lantana eitenorum Moldenke [Goiás]*
Lantana hassleri Briq. [Rio Grande do Sul]
Lantana hypoleuca f. albiflora Moldenke [São Paulo]
Lantana iodophylla Schau. [Rio Grande do Sul]
Lantana macrophylla var. grosseserrata Moldenke -- delete the asterisk
Lantana micrantha f. eitenorum Moldenke [São Paulo]*
Lantana pohliana Schau. [Goiás]
Lantana tiliaefolia Cham. [Espírito Santo]
Lantana triplinervia Turcz. [Guanabara]
Leiostrix dielsii var. vilavelhensis Moldenke [Espírito Santo]*
Leiostrix hirsuta (Wikstr.) Ruhl. [Espírito Santo]
Lippia acutidens Mart. & Schau. [Bahia]
Lippia bradeana Moldenke [Minas Gerais]*
Lippia bradeana var. velutina Moldenke*
Lippia francensis Moldenke [Goiás & Minas Gerais]
Lippia gracilis Schau. [Espírito Santo]
Lippia insignis Moldenke [Bahia]*
Lippia morongii Kuntze [Paraná]
Lippia possensis Moldenke [Goiás]*
Lippia primulina S. Moore [Goiás]
Paepalanthus coutoënsis Moldenke [Paraná]
Paepalanthus erectifolius Alv. Silv. [Goiás & Mato Grosso]
Paepalanthus fasciculatus f. sphaerocephalus Herzog [Goiás]
Paepalanthus fasciculifer var. capillifolius Moldenke [Goiás]*
Paepalanthus filifolius Moldenke [Minas Gerais]*
Paepalanthus flaccidus (Bong.) Kunth [Mato Grosso]
Paepalanthus hilairei var. marimiliani Ruhl. [Distrito Federal]

- Paepalanthus microcaulon Ruhl. [Minas Gerais]
Paepalanthus pullus Körn. [Espírito Santo]
Paepalanthus schuechianus Körn. [Rio de Janeiro]
Paepalanthus sphaerocephalus Ruhl. [Goiás]
Paepalanthus tortilis var. minor Moldenke [Espírito Santo]*
Petrea martiana var. glabrescens Moldenke [Pará]
Petrea riparia Moldenke — delete the asterisk
Stachytarpheta angustifolia (Mill.) Vahl [Maranhão]
Stachytarpheta angustifolia var. elatior (Schrad.) Lopez-Palacios [São Paulo]
Stachytarpheta candida f. lilacina Moldenke [Goiás]*
Stachytarpheta canescens H.B.K. [Goiás]
Stachytarpheta cayennensis f. albiflora Moldenke [Maranhão]
Stachytarpheta lythrophylla Schau. [Goiás]
Stachytarpheta restingensis Moldenke [Guanabara]
Stachytarpheta villosa Cham. [Goiás]
Syngonanthus anthemiflorus var. subglabrescens Moldenke [Minas Gerais]*
Syngonanthus caespitosus (Wikstr.) Ruhl. [Minas Gerais]
Syngonanthus caulescens var. bellohorizontinus Alv. Silv. [Goiás]
Syngonanthus caulescens f. longipes Moldenke [Distrito Federal]*
Syngonanthus caulescens var. procerus (Klotzsch) Moldenke [Distrito Federal]
Syngonanthus comosus Alv. Silv. — delete the asterisk
Syngonanthus curralensis Moldenke [Bahia]*
Syngonanthus decorus Moldenke [Goiás]*
Syngonanthus eburneus (Körn.) Ruhl. [Mato Grosso]
Syngonanthus glandulosus Gleason [delete "Goiás", "Minas Gerais", & "Piauí"]
Syngonanthus gracilis var. amazonicus Ruhl. [Minas Gerais & Rio de Janeiro]
Syngonanthus huberi Ruhl. [Mato Grosso]
Syngonanthus huberi f. viviparus Moldenke [Mato Grosso]*
Syngonanthus leprieuri (Körn.) Ruhl. [Pará]
Syngonanthus nitens (Bong.) Ruhl. [Piauí]
Syngonanthus prolifer Alv. Silv. [Bahia]
Syngonanthus temis (H.B.K.) Ruhl. [Minas Gerais]
Syngonanthus xeranthemoides var. confusus (Körn.) Moldenke [Mato Grosso]
Verbena bonariensis var. hispida Moldenke [Rio Grande do Sul]*
Verbena hirta var. dusenii Moldenke [Paraná & Santa Catarina]*
Verbena laciniata (L.) Briq. [Paraná]
Verbena spectabilis Moldenke [Rio Grande do Sul]
Vitex compressa Turcz. [Roraima]

MARACA ISLAND:

- Syngonanthus bulbifer (Huber) Ruhl. — to be deleted

Syngonanthus tenuis (H.B.K.) Ruhl.

BOLIVIA:

Duranta repens var. canescens Moldenke

Duranta sprucei Briq. [La Paz]

Duranta tomentosa Hayek — to be deleted

Syngonanthus gracilis var. aureus Ruh. — to be deleted

Verbena tenuisecta Briq. [Sucre]

PARAGUAY:

Lantana camara var. aculeata (L.) Moldenke

Syngonanthus nitens (Bong.) Ruhl. — to be deleted

Verbena rigida f. paraguayensis Moldenke*

CHILE:

Lantana tiliaefolia Cham. [Tacna]

Rhaphithamnus spinosus var. inermis Kunkel [Osorno]

Verbena araucana R. A. Phil. — delete the asterisk

Verbena bonariensis L. [Arauco]

Verbena brasiliensis Vell. [Cautín]

Verbena chilensis Moldenke [Valdivia]

Verbena corymbosa Ruiz & Pav. [La Laja Island]

Verbena laciniata (L.) Briq. [Malleco]

MOCHA ISLAND:

Rhaphithamnus spinosus var. inermis Kunkel — delete the asterisk

ARGENTINA:

Eriocaulon sellowianum var. longifolium Moldenke [Corrientes]

Lantana bruchii (Moldenke) Troncoso [Córdoba]*

Lantana camara var. moritziana (Otto & Dietr.) López-Palacios
[Corrientes]

Lippia ekmani Moldenke [Corrientes]

Verbena araucana R. A. Phil. [Neuquen]

Verbena chilensis Moldenke — delete the asterisk

Verbena litoralis H.B.K. [San Juan]

Verbena sessilis (Cham.) Kuntze [Entre Ríos]

Verbena spectabilis Moldenke — delete the asterisk

MACARONESIA:

Lantana camara var. aculeata (L.) Moldenke [Horta & Terceira]

GERMANY:

Verbena officinalis var. prostrata Gren. & Godr.

Verbena tenuisecta Briq.

SWITZERLAND:

Clerodendrum bungei Steud.

ETHIOPIA:

Lippia abyssinica var. pubescens (Moldenke) Moldenke

CAPE VERDE ISLANDS:

Verbena officinalis L. [São Jacobi]

LIBERIA:

Clerodendrum triplinerve var. sulcatum (Thomas) Moldenke

TOGOLAND:

Premna quadrifolia var. warneckeana Moldenke*

NIGERIA:

Vitex bakeri B. L. Robinson*

CAMEROONS:

Clerodendrum speciosissimum Van Geert

Clerodendrum umbellatum var. asperifolium (Thomas) Moldenke

Lantana mearnsii var. congolensis Moldenke

ZAIRE:

Lantana camara var. splendens (Medic.) Moldenke

UGANDA:

Lippia abyssinica var. pubescens (Moldenke) Moldenke — delete the asterisk

TANGANYIKA:

Clerodendrum incisum var. macrosiphon (Hook. f.) J. G. Baker

Premna richardsii Moldenke*

Stachytarpheta jamaicensis (L.) Vahl

Stachytarpheta urticaefolia (Salisb.) Sims

Vitex ferruginea Schum. & Thonn.

Vitex oxycuspis var. mossambicensis Moldenke

KENYA:

Clerodendrum discolor var. pluriflorum Gürke

Lantana camara var. moritsiana (Otto & Dietr.) López-Palacios

ANGOLA:

Lantana angolensis Moldenke — delete the asterisk

ZAMBIA:

Clerodendrum discolor var. oppositifolium Thomas

Priva cordifolia var. flabelliformis Moldenke

Verbena officinalis var. natalensis Hochst.

RHODESIA:

Clerodendrum cuneatum Gürke

Clerodendrum discolor var. pluriflorum Gürke

Clerodendrum ternatum f. glabricalyx Moldenke

Lantana rhodesiensis Moldenke

Premna senensis Klotzsch

Verbena officinalis var. natalensis Hochst.

MOZAMBIQUE:

Avicennia marina (Forsk.) Vierh. [Manica e Sofala & Zambezia]

Vitex oxycuspis var. mossambicensis Moldenke — delete the asterisk

NAMIBIA:

Chascanum incisum (H. H. W. Pearson) Moldenke

Clerodendrum glabrum E. Mey.

Clerodendrum pusillum Gürke

Lantana angolensis Moldenke

Lantana rhodesiensis Moldenke

Lippia rehmanni H. H. W. Pearson

Premna senensis Klotzsch

Vitex mombassae Vatke

SOUTH AFRICA:

Chascanum incisum (H. H. W. Pearson) Moldenke [Cape Province].

— delete the asterisk

Clerodendrum cuneatum Gürke — delete the asterisk

Clerodendrum discolor var. oppositifolium Thomas [Natal]

Clerodendrum ternatum f. glabricalyx Moldenke [Transvaal]

Clerodendrum triphyllum f. angustissimum Moldenke [Natal & Transvaal]*

Kalaharia uncinata f. rubra Moldenke [Bechuanaland]

Lantana mearnsii var. congolensis Moldenke [Transvaal]

Lantana rhodesiensis Moldenke [Bechuanaland & Transvaal]

Priva cordifolia var. australis Moldenke [Natal]

Verbena officinalis var. gaudichaudii Briq. — to be deleted

Verbena officinalis var. natalensis Hochst. [Cape Province, Orange Free State, & Transvaal]

MADAGASCAR:

Moldenkeanthus bosseri P. Morat*

Moldenkeanthus itremensis P. Morat*

COMORO ISLANDS:

Lantana trifolia f. hirsuta Moldenke [Mayotte]

Stachytarpheta jamaicensis (L.) Vahl [Aldabra]

SEYCHELLES ISLANDS:

Clerodendrum philippinum f. subfertile Moldenke [Mahé]

MASCARENE ISLANDS:

Eriocaulon "quinquangulare" Bojer*

Premna obtusifolia B. Br. [Ile aux Aigrettes]

ARABIA:

Premna resinosa (Hochst.) Schau. [Yemen]

REUNION:

Tectona grandis f. tomentella Moldenke

IRAN:

Avicennia marina var. acutissima Staof & Moldenke

PAKISTAN:

Clerodendrum viscosum Vent. [Northwestern Provinces]

Premna barbata Wall. [Northwestern Provinces]

INDIA:

Avicennia alba Blume [Andhra Pradesh]

Avicennia marina (Forsk.) Vierh. [Mysore; delete "Manauli" & "New & West Islands"]

Avicennia marina var. acutissima Stapf & Moldenke

Avicennia officinalis L. [delete "Krusadi" island]

Callicarpa brevipetiolata Merr. — to be deleted

Clerodendrum inerme (L.) Gaertn. [Kutch, Orissa, Saurashtra, & Tamil Nadu; delete "Krusadi, Manauli, & New islands"]

Clerodendrum inerme f. parvifolium Moldenke [Kerala & Madras]

- Clerodendrum serratum var. dentatum H. J. Lam [Kerala]
Eriocaulon collinum Hook. f. [Tamil Nadu]
Eriocaulon echinulatum Mart.
Eriocaulon ensiforme C. E. C. Fischer [Tamil Nadu]
Eriocaulon fluviatile Trimen [Maharashtra]
Eriocaulon quinquangulare L. [Maharashtra]
Eriocaulon thwaitesii Körn. [Maharashtra]
Eriocaulon xeranthemum Mart. [Maharashtra]
Gmelina arborea var. canescens Haines [Union Territory]
Lantana camara f. parvifolia Moldenke [Mysore]
Lantana camara var. rubra Mosty [West Bengal]
Petrea volubilis var. pubescens Moldenke [West Bengal]
Premna divaricata Wall. [Assam]
Premna foetida Reinw. [Assam]
Premna glaberrima Wight [Assam]
Premna obtusifolia R. Br. [delete "Hare" & "Kusadi" islands]
Premna obtusifolia var. minor (Ridl.) Moldenke [Kerala]
Premna punduana Wall. — delete the asterisk
Premna wightiana Schau. — delete the asterisk
Tectona grandis f. canescens Moldenke [Jaunsar & Siwalik] —
 delete the asterisk
Tectona grandis f. pilosula Moldenke
xVerbena hybrida Voss [West Bengal]

SOUTH INDIAN ISLANDS AND CAYS:

- Avicennia marina (Forsk.) Vierh. [Krusadi, Manauli, New, &
 West]
Clerodendrum inerme (L.) Gaertn. [Krusadi, Manauli, & New]
Premna obtusifolia R. Br. [Krusadi & Musal Tivu]
Premna wightiana Schau. [Manauli]

SRI LANKA:

- Clerodendrum inerme f. parvifolium Moldenke
Eriocaulon longicuspe var. zeylanicum Moldenke*
Eriocaulon setaceum var. capillus-naiadis (Hook. f.) Moldenke
 — delete the asterisk
Gmelina asiatica f. lobata Moldenke*
Lantana camara var. splendens (Medic.) Moldenke
xStachytarpheta adulterina Urb. & Elm.
Tectona grandis var. glabrifolia Moldenke — to be deleted

SRI LANKAN ISLANDS:

- Clerodendrum inerme (L.) Gaertn. — to be deleted
Clerodendrum inerme f. parvifolium Moldenke [Mannar]

BURMA:

- Clerodendrum viscosum var. helferi Moldenke [Tenasserim]
Eriocaulon setaceum var. capillus-naiadis (Hook. f.) Moldenke
 [Upper Burma]
Premna calycina Haines [Tenasserim]
Premna macrophylla Wall.

Premna odorata Blanco — to be deleted

Premna tomentosa Willd. [Upper Burma]

Pygmaeopremna herbacea (Roxb.) Moldenke [Upper Burma]

ANDAMAN ISLANDS:

Clerodendrum lankawiense var. andamanense Moldenke [South Andaman]*

Clerodendrum viscosum Vent. [South Andaman]

NICOBAR ISLANDS:

Eriocaulon australe R. Br. [Teressa]

BANGLADESH:

Callicarpa brevipetiolata Merr. — to be deleted

Callicarpa kochiana Mak.

Callicarpa rubella Lindl.

Clerodendrum inerme f. parvifolium Moldenke

Premna pinguis C. B. Clarke

Premna punduana Wall.

CHINA:

Clerodendrum serratum var. amplexifolium Moldenke — delete the asterisk

Eriocaulon henryanum Ruhl. [Fukien]

Eriocaulon henryanum f. viviparum Moldenke [Fukien]*

Eriocaulon nipponicum Maxim. [Fukien]

Eriocaulon truncatum Hamilt. [Kwangsi]

Lantana camara var. splendens (Medic.) Moldenke [Chekiang & Kwangsi]

CHINESE COASTAL ISLANDS:

Sphenodesme floribunda Chin & How [Hainan]*

HONG KONG:

Clerodendrum fortunatum L.

Clerodendrum trichotomum Thunb.

Eriocaulon setaceum var. capillus-naiadis (Hook. f.) Moldenke

Eriocaulon suishaense Hayata

Premna microphylla Turcz.

THAILAND:

Callicarpa brevipetiolata Merr. — to be deleted

Callicarpa macrophylla var. griffithiana C. B. Clarke

Clerodendrum kaempferi f. salmoneum Moldenke*

Clerodendrum serratum var. amplexifolium Moldenke

Clerodendrum viscosum var. helferi Moldenke

Glossocarya siamensis var. pubescens Moldenke*

Lantana camara var. splendens (Medic.) Moldenke

Tectona grandis f. punctata Moldenke

Vitex vestita f. quinquefoliolata Moldenke*

INDOCHINA:

Clerodendrum inerme f. parvifolium Moldenke [Annam]

Eriocaulon achiton Körn. — to be deleted

Eriocaulon boni H. Lecomte [Annam]

- Eriocaulon sexangulare L. [Cambodia]
Gmelina elliptica J. E. Sm. [Cambodia]
Premna tomentosa var. pierreana Dop [Tonkin]

MALAYA:

- Avicennia alba Blume [Trenggamu]
Avicennia alba var. latifolia Moldenke [Selangor & Trenggamu]
Avicennia marina var. rumphiana (H. Hallier) Bakh. [Selangor]
Clerodendrum deflexum Wall. [Kelantan, Selangor, & Trenggamu]
Clerodendrum deflexum var. villosulum Moldenke [Pahang]*
Clerodendrum hendersonii Moldenke [Pahang]*
Clerodendrum indicum (L.) Kuntze [Pahang]
Clerodendrum inerme (L.) Gaertn. [Johore & Selangor]
Clerodendrum infortunatum L. -- to be deleted
Clerodendrum johorense Moldenke [Johore]*
Clerodendrum laevifolium Blume [Negri Sembilan & Selangor]
Clerodendrum philippinum f. subfertile Moldenke [Selangor]
Clerodendrum serratum (L.) Spreng. [Federal Territory]
Clerodendrum umbellatum var. speciosum (Dombrain) Moldenke
 [Selangor]
Clerodendrum villosum Blume [Negri Sembilan, Pahang, & Selangor]
Duranta repens L. [Federal Territory]
Eriocaulon australe R. Br. [Perak, Selangor, & Trenggamu]
Eriocaulon australe f. proliferum Moldenke [Johore]
Eriocaulon truncatum var. malaccense Hook. f. [Selangor]
Eriocaulon willdenovianum Moldenke [Trenggamu]
Eriocaulon willdenovianum f. viviparum Moldenke [Pahang & Trenggamu]
Gmelina arborea Roxb. [Selangor]
Gmelina asiatica f. lobata Moldenke [Perak]
Gmelina elliptica J. E. Sm. [Selangor & Trenggamu]
Lantana camara L. [Selangor]
Lantana camara var. aculeata (L.) Moldenke [Perak]
Peronema canescens Jack [Pahang]
Premna obtusifolia R. Br. [Trenggamu]
Premna obtusifolia f. serratifolia (L.) Moldenke [Trenggamu]
Premna odorata Blanco [Trenggamu]
Premna pyramidata Wall. [Negri Sembilan & Selangor]
Premna scandens Roxb. [Pahang]
Premna trichostoma Miq. [Selangor]
Stachytarpheta cayennensis (L. C. Rich.) Vahl [Selangor]
Stachytarpheta cayennensis f. albiflora Moldenke [Pahang & Selangor]
Stachytarpheta mutabilis (Jacq.) Vahl [Penang]
Stachytarpheta urticaefolia (Salisb.) Sims [Federal Territory & Kelantan]

Vitex gamosepala var. scortechinii King & Gamble [Kelantan & Selangor]

Vitex longisepala var. longipes Moldenke [Pahang & Selangor]*

Vitex negundo L. [Selangor]

Vitex negundo var. cannabifolia (Sieb. & Zucc.) Hand.-Mazz.
[Johore & Perak]

Vitex pinnata L. [Negri Sembilan & Trenggamu]

Vitex pinnata f. glabrescens Moldenke [Selangor]*

Vitex trifolia var. simplicifolia Cham. [Trenggamu]

Vitex trifolia var. simplicifolia f. albiflora (Y. Matsumura)
Moldenke [Trenggamu]

Vitex vestita f. millsii (M. R. Henderson) Moldenke [Selangor]

MALAYAN ISLANDS:

Avicennia marina var. rumphiana (H. Hallier) Bakh. [Langkawi]

Callicarpa angustifolia King & Gamble [Langkawi]

Clerodendrum inerme (L.) Gaertn. [Langkawi]

Gmelina elliptica J. E. Sm. [Langkawi & Tioman]

Lantana camara L. [Tioman]

Premna dentatifolia Moldenke [Langkawi]

Premna obtusifolia R. Br. [Tioman]

Stachytarpheta cayennensis (L. C. Rich.) Vahl [Langkawi]

Stachytarpheta jamaicensis (L.) Vahl [Langkawi]

Vitex negundo var. cannabifolia (Sieb. & Zucc.) Hand.-Mazz.
[Langkawi]

Vitex siamica F. N. Will. [Timun]

Vitex trifolia var. bicolor (Willd.) Moldenke [Langkawi]

RYUKYU ISLAND ARCHIPELAGO:

Callicarpa dichotoma (Lour.) K. Koch [Ikema]

Lantana camara var. moritziana (Otto & Dietr.) López-Palacios
[Okinawa]

Verbena officinalis L. [Yonaguni]

Vitex trifolia var. simplicifolia Cham. [Kutaka]

FORMOSA:

Eriocaulon robustius (Maxim.) Mak.

PHILIPPINE ISLANDS:

Clerodendrum apaycense Quisumb. [Paragua]

Clerodendrum inerme f. parvifolium Moldenke [Luzon]

Eriocaulon infirmum var. puberulentum (Moldenke) Van Royen
[Culiñ]

Lantana camara var. splendens (Medic.) Moldenke [Luzon]

Tectona grandis f. tomentella Moldenke [Jolo & Mindanao]

MARIANAS ISLANDS:

Callicarpa erioclona var. paucinervia (Merr.) Moldenke [Agrigan,
Alamagan, & Anatahan]

Callicarpa lammii Hosokawa [Alamagan]

Clerodendrum inerme (L.) Gaertn. [Pagan]

Premna obtusifolia var. gaudichaudii (Schau.) Moldenke [Agrigan,

Alamagan, Anatahan, Asuncion, Guguan, Medinilla, & Sarigan]

Stachytarpheta jamaicensis (L.) Vahl [Pagan & Saipan]

Tectona grandis f. pilosula Moldenke [Guam]

Tectona grandis f. punctata Moldenke [Guam]

Tectona grandis f. tomentella Moldenke [Guam]

Verbena litoralis H.B.K. [Saipan]

Vitex negundo L. [Maug & Pagan]

PALAU ISLANDS:

Callicarpa erioclona var. paucinervia (Merr.) Moldenke [Garim]

Eriocaulon australe R. Br. [Yap]

Phyla nodiflora (L.) Greene [Palau]

GREATER SUNDA ISLANDS:

Avicennia alba Blume [Sebatik]

Callicarpa brevipedunculata Merr. — add an asterisk

Callicarpa involucrata Merr. [Sarawak]

Clerodendrum calamitosum L. [Sarawak]

Clerodendrum phyllomega var. myrmecophilum (Ridl.) Moldenke [Sarawak]

Clerodendrum quadriloculare (Blanco) Merr. [Sabah]

Eriocaulon australe R. Br. [Sarawak]

Eriocaulon australe f. proliferum Moldenke [Sarawak]

Eriocaulon blumei Körn. [Sarawak]

Eriocaulon infirmum var. puberulentum (Moldenke) Van Royen [Sumatra]

Eriocaulon sollyanum var. sumatranum Van Royen [Sumatra]*

Premna dentatifolia Moldenke — delete the asterisk

Premna oblongifolia Merr. [Sarawak]

Tectona grandis f. pilosula Moldenke [Sabah]

Tectona grandis f. punctata Moldenke [Borneo & Sumatra]

Tectona grandis f. tomentella Moldenke [Sabah]

MOLUCCA ISLANDS:

Tectona grandis f. canescens Moldenke [Amboina]

PHOENIX ISLANDS:

Clerodendrum inerme f. parvifolium Moldenke [Canton]

NEW GUINEA:

Clerodendrum inerme f. parvifolium Moldenke [Papua]

Eriocaulon oreadum Van Royen [Papua]

Stachytarpheta urticaefolia (Salisb.) Sims [Papua]

Vitex glabrata R. Br. [Papua]

NEW GUINEAN ISLANDS:

Avicennia officinalis L. [Daru]

Clerodendrum inerme (L.) Gaertn. [Los Negros]

Premna foetida Reinw. [Los Negros]

BISMARCK ARCHIPELAGO:

Geunsia cumingiana (Schau.) Rolfe [Mamus]

Vitex cofassus Reinw. [New Ireland]

SOLOMON ISLANDS:

Premna obtusifolia var. gaudichaudii (Schau.) Moldenke [South-east]

NEW CALEDONIAN ISLANDS:

Clerodendrum inerme f. parvifolium Moldenke [New Caledonia]

AUSTRALIA:

Clerodendrum aculeatum (L.) Schlecht. [Queensland]

Eriocaulon depressum R. Br. [Northern Territory]

Eriocaulon narium R. Br. [Northern Territory]

Eriocaulon nutans F. Muell. — to be deleted

Eriocaulon willdenovianum Moldenke [New South Wales]

Lantana camara var. splendens (Medic.) Moldenke [Queensland]

Lantana montevidensis (Spreng.) Briq. [New South Wales]

Verbena supina f. erecta Moldenke [South Australia]

GREAT BARRIER REEF:

Avicennia eucalyptifolia Zipp. [Bewick, East Petheridge, Fisher, Pipon, Turtle I, Turtle III, & West Petheridge]

Clerodendrum inerme (L.) Gaertn. [Coombe, Eagle, East Hope, Green, Green Ant, Lizard, Newton, Pipon, Saunders, Three Isles, & Two Isles]

Lantana camara L. [East Hope & Low Isles]

Premna obtusifolia R. Br. [Sand & Turtle]

Premna obtusifolia var. gaudichaudii (Schau.) Moldenke [Lizard]

Stachytarpheta jamaicensis (L.) Vahl [Bewick, Eagle, & Green]

Vitex trifolia var. bicolor (Willd.) Moldenke [East Hope, Green, Green Ant, & West Hope]

Vitex trifolia var. simplicifolia Cham. [Eagle, Fife, Ingram, Morris, Saunders, & Sinclair]

Vitex trifolia var. subtrisecta (Kuntze) Moldenke [Howick, Lizard, Low Wooded, Three Isles, Two Isles, & Turtle]

HAWAIIAN ISLANDS:

Clerodendrum glabrum E. Mey. [Oahu]

SAMOAN ISLANDS:

Clerodendrum philippinum Schau. [Upolu]

COOK ISLANDS:

Lantana camara L. [Oneroa]

Lantana camara var. aculeata (L.) Moldenke [Koromiri, Motutapu, & Taakoka]

Stachytarpheta urticaefolia (Salish.) Sims [Koromiri]

Vitex trifolia var. bicolor (Willd.) Moldenke [Motutapu]

AUSTRAL ISLANDS:

Vitex trifolia var. simplicifolia f. albiflora (Y. Matsumura) Moldenke — delete the asterisk

CULTIVATED:

Aegiphila hassleri Briq. [Argentina]

Aloysia triphylla (L'Hér.) Britton [Balearic Islands & Paraguay]

Avicennia alba Blume [Java]

Avicennia marina (Forsk.) Vierh. [Java]

- Avicennia officinalis L. [Java]
Bouchea nelsonii Grenz. [Germany]
Clerodendrum bungei Steud. [Honduras]
Clerodendrum hastatum (Roxb.) Wall. [Germany]
Clerodendrum indicum (L.) Kuntze [Ruad Island]
Clerodendrum inerme f. parvifolium Moldenke [India]
Clerodendrum kaempferi (Jacq.) Sieb. [Honduras]
Clerodendrum minahassae Teijsm. & Binn. [Malaya]
Clerodendrum minahassae var. brevitubulosum H. J. Lam [Java]
Clerodendrum philippinum Scalm. [Balearic Islands & Honduras]
Clerodendrum sahelangii Koord. [Honduras]
Clerodendrum speciosissimum Van Geert [Guam]
Clerodendrum tomentosum (Vent.) R. Br. [Germany]
Clerodendrum viscosum var. nilagiricum H. Hallier [Germany]
Congea griffithiana Munir [Samoa Islands]
Congea velutina Wight [California]
Duranta repens L. [Madagascar]
Duranta serratifolia (Griseb.) Kuntze [Surinam]
Gmelina arborea var. canescens Haines [India]
Gmelina arborea var. glaucescens C. B. Clarke [Germany]
Gmelina asiatica L. [Honduras]
Gmelina elliptica f. lobata (Gaertn.) Moldenke [Germany]
Gmelina leichhardtii (F. Muell.) F. Muell. [Australia]
Lantana achyranthifolia f. grandifolia Moldenke [Sweden]
Lantana armata Schau. [Colombia]
~~Lantana callowiana Monrovia -- to be deleted~~
Lantana camara L. [Austria & Balearic Islands]
Lantana camara var. aculeata (L.) Moldenke [Colombia]
Lantana camara var. flava (Medic.) Moldenke [Colombia]
Lantana camara var. moritziana (Otto & Dietr.) López-Palacios
 [France, India, & Uruguay]
Lantana camara var. mutabilis (Hook.) L. H. Bailey [Germany]
Lantana camara var. splendens (Medic.) Moldenke [Colombia &
 Uruguay]
Lantana canescens H.B.K. [Germany]
Lantana depressa Small [California & Pakistan]
Lantana fucata var. antillana Moldenke [Germany]
Lantana glutinosa Poepp. [Germany]
Lantana involucrata f. rubella Moldenke [Germany]
Lantana montevidensis var. aurea Mattoon --to be deleted
Lantana radula Sw. [Germany]
Lantana reticulata Pers. [Germany]
Lantana viburnoides (Forsk.) Vahl [Germany]
Lippia abyssinica (Otto & Dietr.) Cuf. [Germany]
Oxera pulchella Labill. [Germany]

- Peronema canescens Jack [Malaya]
Petrea arborea H.B.K. [Honduras]
Petrea rugosa var. casta Moldenke -- delete the asterisk
Phyla nodiflora var. canescens (H.B.K.) Moldenke [Balearic Islands]
Premna foetida Reinw. [India]
Stachytarpheta angustifolia f. elatior (Schrad.) López-Palacios [Germany]
Stachytarpheta jamaicensis (L.) Vahl [Germany]
Stachytarpheta mutabilis (Jacq.) Vahl [Germany]
Tectona grandis L. f. [Honduras]
Tectona grandis f. canescens Moldenke [Jamaica & Trinidad]
Tectona grandis f. pilosula Moldenke [Colombia, Cook Islands, Cuba, Dominican Republic, & Guam]
Tectona grandis f. punctata Moldenke [Brazil, Ecuador, Panama, & Sri Lanka]
Tectona grandis f. tomentella Moldenke [Guinea, India, New Guinea, & Puerto Rico]
xVerbena baileyana Moldenke [Germany]
Verbena bipinnatifida Nutt. [Sweden]
Verbena bracteata Lag. & Rodr. [Sweden]
Verbena brasiliensis Vell. [California]
Verbena canadensis (L.) Britton [Austria & Bahama Islands]
Verbena carolina L. [Bahama Islands]
Verbena ciliata var. longidentata Perry [France & Germany]
Verbena gracilis Desf. [Germany]
Verbena halei Small [Missouri]
Verbena hastata L. [Bahama Islands]
xVerbena hybrida Voss [Balearic Islands & Czechoslovakia]
Verbena incisa Hook. [Sweden]
Verbena litorajis H.B.K. [Germany & Venezuela]
Verbena monacensis Moldenke [Colombia]
Verbena peruviana (L.) Britton [Balearic Islands, California, & France]
Verbena platensis Spreng. [Honduras]
xVerbena rydbergii Moldenke [Germany]
Verbena tenuisecta Briq. [Germany]
Vitex agnus-castus L. [Balearic Islands, Honduras, & Kentucky]
Vitex agnus-castus var. diversifolia (Carr.) Schelle [Florida & Missouri]
Vitex agnus-castus f. latifolia (Mill.) Rehd. [Oklahoma & South Carolina]
Vitex gigantea H.B.K. [Honduras]
Vitex parviflora A. L. Juss. [Honduras]
Vitex trifolia L. [Malaya]

Additions and emendations to Part II: An alphabetic list of rejected scientific names proposed in these groups, including misspellings and variations in accreditation:

- Aegiphila mutisii Moldenke = A. bogotensis (Spreng.) Moldenke
Aegiphilla fluminensis Vell. = Aegiphila fluminensis Vell.
Aegiphyla monstrosa Moldenke = Aegiphila monstrosa Moldenke
Aloysia sellowii Briq. = A. sellowii (Briq.) Moldenke
Aloysia wrightii (A. Gray) Hellen = A. wrightii (A. Gray) Heller
Amasonia campestris Moldenke = A. campestris (Aubl.) Moldenke
Anacardium orientale Jouston = Avicennia officinalis L.
Andraspidopsis Körn. = Syngonanthus Ruhl.
Avicenina L. = Avicennia L.
Avicenina officinalis L. = Avicennia officinalis L.
Avicenna marina Cloudsley-Thomp. = Avicennia marina (Forsk.) Vierh.
Avicennia agallocha Puri = Excoecaria agallocha L., Euphorbiaceae — this is the corrected entry
Avicennia alba Miq. = A. alba Blume
Avicennia marina (Forsk.) Vierk. = A. marina (Forsk.) Vierh.
Avicennia marina var. resinifera (Forst.) Bakh. = A. marina var. resinifera (Forst. f.) Bakh.
Avicennia mucronata Cloudsley-Thomp. = Rhizophora mucronata Lam., Rhizophoraceae
Avicennia officianlis Puri = A. officinalis L.
Avicennia officinalis Kurz = A. alba Blume
Avicennia officinalis (L.) Kurz = A. alba Blume -- this is the corrected entry
Avicennia officinalis Lam. = A. officinalis L.
Avicennia officinalis Miq. = A. eucalyptifolia Zipp.
Avicennia officinalis Watt. = A. alba Blume
Avicennia officinalis ♂ lanceolata Kuntze = A. germinans var. guayaquilensis (H.B.K.) Moldenke — this is the corrected entry
Avicennia officinalis Y ovatifolia Kuntze = A. marina (Forsk.) Vierh.
Avicennia officinalis ♂ spathulata Kuntze = A. lanata Ridl.
Avicennia officinalis ♂ spathulata f. glandulosa Kuntze = A. marina var. resinifera (Forst. f.) Bakh.
Avicennia tomentosa Jacq. sensu Schau. = A. schaueriana Stapf & Leechman
Avicennia tomentosa sensu Mayc. = A. schaueriana Stapf & Leechman
Avicennia tomentosa Weigelt = A. germinans (L.) L.

- Bouchea hyderobadensis (Rottl.) Walp. = Svensonia hyderobadensis (Walp.) Moldenke
- Bouchea insignis López-Palacios = B. inopinata Moldenke
- Bouchea prisantia (L.) Kuntze = B. prismatica (L.) Kuntze
- Callicarpa americana alba Trelease = C. americana var. lactea F. J. Muller
- Callicarpa hitchcockiana Millsp. = C. lancifolia Millsp. — this is the corrected entry
- Callicarpa hitchcockii Millsp. = C. lancifolia Millsp.
- Callicarpa japonica leucocarpa Trelease = C. japonica f. albibacca Hara
- Callicarpa pentandra var. pentandra (Bl.) Bakh. = Geunsia pentandra (Roxb.) Merr.
- Callicarpa pentandra f. farinosa (Bl.) Bakh. = Geunsia farinosa Blume
- Callicarpa subpubes Hook. & Arn. = C. subpubescens Hook. & Arn.
- Camara aculeata f. obtusifolia Kuntze = Lantana montevidensis (Spreng.) Briq.
- Camara aculeata f. subinermis f. obtusifolia Kuntze = Lantana montevidensis (Spreng.) Briq.
- Camara melissae folio, flore flavo Dill. = Lantana camara var. flava (Medic.) Moldenke
- Caropteris Trelease = Caryopteris Bunge
- Carphocephalus Kunth = Syngonanthus Ruhl.
- Carpocephalus Körn. = Syngonanthus Ruhl.
- Carptotepala Morat = Carptotepala Moldenke
- Caryopteris incana candida Trelease = C. incana var. candida Schneid.
- Castelia cuneato-ovata Cav. = Pitraea cuneato-ovata (Cav.) Caro
- Castelia cuneato-ovata Rusby = Pitraea cuneato-ovata (Cav.) Caro
- Chascanum cerneum (L.) E. Mey. = C. cernuum (L.) E. Mey.
- Chascanum dihisces Moldenke = C. dehiscens (L. f.) Moldenke
- Chascanum garipense E. Mey. = C. garipense E. Mey.
- Chascanum hyderobadensis (Walp.) Moldenke = Svensonia hyderobadensis (Walp.) Moldenke
- Chytharexylum Sw. = Citharexylum B. Juss.
- Chytharexylum caudatum Sw. = Citharexylum caudatum L.
- Citharexylum poeppigii f. anomala Moldenke = Citharexylum venezuelense Moldenke
- Citharexylum poeppinni Moldenke = C. poeppigii Walp.
- Citharexylum poeppinni f. anomala Moldenke = C. venezuelense Moldenke
- Citharexylum pringlei Van Houtte = C. ligustrinum Van Houtte
- Clerodendron (L.) R. Br. = Clerodendrum Burm.
- Clerodendron dispar Geesink & Santisuk = Clerodendrum disparifolium Blume

- Clerodendron guerkeanum Gibbs = Clerodendrum guerkei J. G. Baker
Clerodendron hastatum Wall. = Clerodendrum hastatum (Roxb.) Wall.
Clerodendron heterophyllum Schau. = Clerodendrum heterophyllum (Poir.) R. Br.
Clerodendron inerme Benth. = Clerodendrum inerme (L.) Gaertn.
Clerodendron infortunatum Willd. = Clerodendrum infortunatum L.
Clerodendron jargesii Dode = Clerodendrum trichotomum var. fargesii (Dode) Rehd.
Clerodendron rehmannii var. temuifolium Merxm. = Clerodendrum glabrum var. vagum (Hiern) Moldenke
Clerodendron thomasi Hort. = Clerodendrum thomsonae Balf. f.
Clerodendron viscosum var. nilagirica H. Hallier = Clerodendrum viscosum var. nilagiricum H. Hallier
Clerodendrum adenophyllum Wall. = C. adenophyllum H. Hallier
Clerodendrum thomsonae Raf. = C. thomsonae Balf. f.
Clerodendrum viscosum Pers. = C. viscosum Vent.
Clerodendrum yaoundense Gürke = C. triplinerve var. sulcatum (Thomas) Moldenke
Congea azurea var. latifolia Wall. = C. tomentosa Roxb.
Cornutia Plum. ex L. = Cornutia Plum.
Cornutia corymbosa Burm. = Premna obtusifolia R. Br.
Cornutioides L. = Premna obtusifolia R. Br.
Cytharexylum bullatum Moldenke = Citharexylum bullatum Moldenke
Dipterocalyx (Cham.) Schau. = Lippia Houst.
Dipterocalyx Cham. & Schlecht. = Lippia Houst.
Dupatya centaurodes (Bong.) Kuntze = Syngonanthus centauroides (Bong.) Ruhl.
Dupatya gracilis ([Bong.] Körn.) Kuntze = Syngonanthus gracilis (Bong.) Ruhl.
Eriocaulon N. E. Br. = Eriocaulon Gron.
Eriocaulon baurii N. E. Br. = Eriocaulon bauri N. E. Br.
Eriocaulaceae (L. C. Rich.) A. Rich. = Eriocaulaceae Lindl.
Eriocaulon culmo decangulati, foliis longis laevibus erectis Walt. = E. decangulare L.
Eriocaulon culmo striato longissimo, foliis ensiformibus brevibus prostratis, capitulo globoso Lam. = E. decangulare L.
Eriocaulon eburneum Mart. = Syngonanthus niveus (Bong.) Ruhl.
Eriocaulon ehrenbergianum Klotzsch ex Koern. = E. ehrenbergianum Klotzsch
Eriocaulon fruncatum Buch.-Ham. = E. truncatum Hamilt.
Eriocaulon kornickianum Van Heurck & Muell.-Arg. = E. kornickianum Van Heurck & Muell.-Arg.
Eriocaulon longifolium Nees & Kunth = E. willdenovianum Moldenke
Eriocaulon natans F. Muell. = E. setaceum L.
Eriocaulon noveboracense, capitulo alba globoso s. Globularia americana statices haud absimilis, cauliculis lana atro-

- rubente refertis Pluk. = E. decangulare L.
Eriocaulon mutans F. Muell. = E. setaceum L.
Eriocaulon odoratum Mold. = E. odoratum Dalz.
Eriocaulon sollyamum var. sumatranum Van Royen — to be deleted
Eriocaulon taxa Hocking — printer's error, Eriocaulon Gron.
Eriocaulon texensis Körn. = E. texense Körn.
Eriocaulou johnstoui Lorence = Eriocaulon johnstoni Ruhl.
Eriocaulou longifolium Lorence = Eriocaulon willdenovianum Moldenke
Eriocaulum Hook. f. = Eriocaulon Gron.
Eriocolon quinquangulare L. = Eriocaulon quinquangulare L.
Eriscaulon Wms. = Eriocaulon Gron.
Eriscaulon molinae Wms. = Eriocaulon molinae L. O. Williams
Eueriocolon Baill. = Eueriocaulon Körn.
Faradaya excellens K. Sch. = F. papuana Scheff.
Gimelina Jayas. = Gmelina L.
Gimelina arborea Jayas. = Gmelina arborea Roxb.
Glandularia aubletia ♂ Spach = Verbena canadensis (L.) Britton
Glandularia aubletia ♀ Spach = Verbena canadensis (L.) Britton
Glandularia aurantiaca Speg. = Verbena aurantiaca Speg.
Glandularia nivea Mold. = Verbena nivea Moldenke
Glandularia sulphurea D. Don = Verbena sulphurea D. Don
Globulariae affinis aquatica, caule tereti aphylo gramineo, capitulis albicantibus parvis globosis, foliis paucis humistratis gramineis Gron. = Eriocaulon decangulare L.
Glossocaryum Smitinand = Glossocarya Wall.
Gmelina oleifera Abel — not in these groups
Hymenopyramis brachiata Wall. ex Kurz = H. brachiata Wall.
Lantana acanthifolia Hort. = L. achyranthifolia f. grandifolia Moldenke
Lantana alba Vent. = L. nivea Vent.
Lantana amethystina Hort. = L. camara var. mutabilis (Hook.) L. H. Bailey
Lantana callowiana Monrovia = L. montevidensis (Spreng.) Briq.
Lantana camara var. aurantiaca Kummer = L. camara var. moritziana (Otto & Dietr.) López-Palacios
Lantana camara var. lutea Berhaut = L. camara var. flava (Medic.) Moldenke
Lantana floribunda Urb. & Ekm. = Lippia micromera var. helleri (Britton) Moldenke
Lantana incana Otto & Dietr. = L. reticulata Pers. — this is the corrected entry
Lantana montevidensis var. aurea Mattoon = L. depressa Small
Lantana montevidensis aurea Mattoon = L. depressa Small
Lantana ovalifolia Britt. = L. ovatifolia Britton
Lantana scabrida Sieber = L. camara L.

- Lantana tomasi Moldenke = L. macrophylla var. grosseserrata Moldenke -- this is the corrected entry
- Lantana tomasii Moldenke = L. macrophylla var. grosseserrata Moldenke
- Lantana velutinoides var. bruchii Moldenke = L. bruchii (Moldenke) Troncoso -- this is the corrected entry
- Lantana verbenoides Richards = L. viburnoides (Forsk.) Vahl
- Leiothrix curvifolia var. fimbriata Herzog = Syngonanthus caespitosus (Wikstr.) Ruhl.
- Limnoxeranthemum pubescens Salzm. = Syngonanthus gracilis var. hirtellus (Steud.) Ruhl. -- this is the corrected entry
- Lipea Anon. = Lippia Houst.
- Lipia Espinal = Lippia Houst.
- Lippia Endl. = Lippia Houst.
- Lippia asperifolia asperifolia A. Rich. ex Marthe = L. indica Moldenke -- this is the corrected entry
- Lippia berlandieri DC. = L. graveolens H.B.K.
- Lippia grisebachii Troncoso = Lantana grisebachii Stuck.
- Lippia laveolata Michx. = Phyla lanceolata (Michx.) Greene
- Lippia ligustrina var. paraguariensis Briq. = Aloysia gratissima var. paraguariensis (Briq.) Moldenke
- Lippia nodiflora (L.) Rich. ex Schauer = Phyla nodiflora (L.) Greene
- Lippia nodiflora (L.) R. Schauer = Phyla nodiflora (L.) Greene
- Lippia viricifolia Heiner = Aloysia virgata (Ruiz & Pav.) A. L. Juss.
- Michelia spinosa, floribus luteis Anon. = Gmelina asiatica L.
- Monochilus Fisch. = Monochilus Fisch. & Mey.
- Paepalanthus Forst. = Paepalanthus Mart.
- Paepalanthus arenarius Gardn. = Syngonanthus arenarius (G. Gardn.) Ruhl.
- Paepalanthus brizoides Kunth [in part] = Syngonanthus gracilis var. subinflatus Ruhl. -- this is the corrected entry
- Paepalanthus caulescens var. b subvar. Α Körn. = Syngonanthus caulescens (Poir.) Ruhl.
- Paepalanthus caulescens var. b subvar. Β Körn. = Syngonanthus caulescens (Poir.) Ruhl.
- Paepalanthus caulescens var. b subvar. Υ Körn. = Syngonanthus caulescens var. angustifolius Moldenke
- Paepalanthus caulescens var. b subvar. δ Körn. = Syngonanthus caulescens (Poir.) Ruhl.
- Paepalanthus caulescens var. b subvar. ε Körn. = Syngonanthus caulescens (Poir.) Ruhl.
- Paepalanthus caulescens var. b subvar. ζ Körn. = Syngonanthus caulescens (Poir.) Ruhl.
- Paepalanthus centauroides (Bong.) Körn. = Syngonanthus centaur-

- oides (Bong.) Ruhl.
Paepalanthus chrysanthus (Bong.) Körn. = Syngonanthus chrysanthus (Bong.) Ruhl.
Paepalanthus colombianus Cleef = P. columbianus Ruhl.
Paepalanthus flaccidus var. juniperinus Kunth = P. flaccidus (Bong.) Kunth
Paepalanthus gracilis var. α subvar. α Körn. = Syngonanthus gracilis var. subinflatus Ruhl.
Paepalanthus gracilis var. α var. α Körn. = Syngonanthus gracilis var. subinflatus Ruhl.
Paepalanthus gracilis var. α subvar. β Körn. = Syngonanthus gracilis (Bong.) Ruhl.
Paepalanthus gracilis var. α var. β Körn. = Syngonanthus gracilis (Bong.) Ruhl.
Paepalanthus gracilis var. β subvar. α Körn. = Syngonanthus gracilis var. koernickeanus Ruhl.
Paepalanthus gracilis var. β subvar. β Körn. = Syngonanthus gracilis var. setaceus Ruhl.
Paepalanthus lamprocephalum Mart. = Syngonanthus nitens (Bong.) Ruhl.
Paepalanthus leprieuri Körn. = Syngonanthus leprieuri (Körn.) Ruhl.
Paepalanthus leprieurii Körn. = Syngonanthus leprieuri (Körn.) Ruhl. — this is the corrected entry
Paepalanthus schenkii Pouls. = P. schenckii V. A. Pouls.
Paepalanthus speciosus var. tomentosus Alv. Silv. = P. polyanthus var. tomentosus Alv. Silv.
Paepalanthus splendens (Bong.) Mart. = Syngonanthus caulescens (Poir.) Ruhl.
Paepalanthus subsessilis Moldenke = P. karstenii var. subsessilis (Moldenke) Moldenke
Paepalanthus (Andraspidopsis) helminthorrhizus Körn. = Syngonanthus helminthorrhizus (Mart.) Ruhl.
Petatia Dod & Fortuna = Petitia Jacq.
Petatia domingensis Jacq. = Petitia domingensis Jacq.
Philodyce Steud. = Philodice Mart.
Phyla nodiflora var. longiflora Moldenke = P. nodiflora var. longifolia Moldenke
Phyla reptans Auct. = P. strigulosa (Mart. & Gal.) Moldenke
Phyla strigulosa var. strigulosa Thomas = P. strigulosa (Mart. & Gal.) Moldenke
Phylodoce Mart. = Philodice Mart.
Premna Fosberg = Premna L.
Premna obtusifolia Fosberg = Premna obtusifolia R. Br.
Premna bipindensis Gürke = P. quadrifolia Schum. & Thonn.
Premna coriacea Clarke = P. coriacea C. B. Clarke
Premna flavescens Ham. ex C. B. Cl. = P. flavescens Hamilt.

Premna integrifolia Willd. = P. obtusifolia R. Br.

Premna serrata Hort. = P. esculenta Roxb.

Premna warneckeana Gürke = P. quadrifolia var. warneckeana Moldenke

Priva fischeriana Zucc. = Stachytarpheta urticaefolia (Salisb.) Sims

Priva nodiflora (L.) Greene = Phyla nodiflora (L.) Greene

Psilocephalus Körn. = Syngonanthus Ruhl.

Randia Petiv. = Eriocaulon Gron.

Randia americana procerior Petiv. = Eriocaulon decangulare L.

Randia malabarica, capillaceo folio Petiv. = Eriocaulon setaceum L.

Rondonanthus Steyerl. = Rondonanthus Herzog

Sarcostachya Juss. = Stachytarpheta Vahl

Sphenodesme ornata Fletch. = S. involucrata (Presl) B. L. Robinson

Stachytarpheta mutabilis x S. jamaicensis Lam & Brink = xS. adulatorina Urb. & Ekm.

Syngonanthus aciphyllus Ruhl. = S. aciphyllus (Bong.) Ruhl.

Syngonanthus albopulvinatus Moldenke = S. albopulvinatus (Moldenke) Moldenke

Syngonanthus androsaceus Ruhl. = S. androsaceus (Griseb.) Ruhl.

Syngonanthus anomalus Ruhl. = S. anomalus (Körn.) Ruhl.

Syngonanthus argenteus Benth. = Eriocaulon ceylanicum Körn.

Syngonanthus caluescens (Bong.) Ruhl. = S. caulescens (Poir.) Ruhl.

Syngonanthus capillifolius Moldenke = Paepalanthus capillifolius Moldenke

Syngonanthus cipoensis Alv. Silv. = S. cipoensis Ruhl. — this is the corrected entry

Syngonanthus cipoënsis Alv. Silv. = S. cipoensis Ruhl.

Syngonanthus diamantinus A. Silveira = S. diamantinensis Alv. Silv.

Syngonanthus dupatya Mart. = S. flavidulus (Michx.) Ruhl.

Syngonanthus gracilis (Bong.) Rühl = S. gracilis (Bong.) Ruhl.

Syngonanthus gracilis var. olivaceus Ruhl. = S. gracilis (Bong.) Ruhl.

Syngonanthus grao-mogolensis Alv. Silv. = S. grao-mogolensis Alv. Silv. — this is the corrected entry

Syngonanthus grao-mogolensis var. detonsus Moldenke = S. grao-mogolensis var. detonsus Moldenke — this is the corrected entry

Syngonanthus grao-nogolensis Alv. Silv. = S. grao-mogolensis Alv. Silv. — this is the corrected entry

Syngonanthus humboldtii var. glandulosus Gleason = S. humboldtii var. glandulosus Gleason

Syngonanthus itambeënsis Alv. Silv. = S. itambeënsis Alv. Silv.

Syngonanthus lepriaurii (Körn.) Ruhl. = S. lepriauri (Körn.) Ruhl.

- Syngonanthus luxurians (Körn.) Ruhl. = Leiotherix luxurians (Körn.) Ruhl.
- Syngonanthus nigroalbus A. Silveira = S. nigro-albus Alv. Silv.
- Syngonanthus nitens Kunth = S. nitens (Bong.) Ruhl.
- Syngonanthus poggeanus Ruhl. x S. angolensis H. Hess = xS. hessii Moldenke
- Syngonanthus wahlbergii (Wikstr.) Ruhl. x S. angolensis H. Hess = xS. hybridus Moldenke
- Tamone Schnitzlein = Ghinia Schreb.
- Tetraclea coulteri var. coulteri Thomas = T. coulteri A. Gray
- Thysanocephalus Ruhl. = Thysanocephalus Körn.
- Trepanocarpus Mart. = Avicennia L.
- Trepanocarpus inundatus Mart. = Avicennia elliptica Holm
- Tsjeru-cotsjiletti-pullu Rheede = Eriocaulon setaceum L.
- Verbena allata Hort. = V. alata Sweet
- Verbena americana frutescens, teucris foliis & facie, floribus caeruleo-purpurascens amplissimis Breyn. = Stachytarpheta mutabilis var. violacea Moldenke
- Verbena americana frutescens, teucris foliis, floribus coeruleo-purpurascens amplissimis Breyn. = Stachytarpheta mutabilis var. violacea Moldenke
- Verbena andrieuxii DC. = V. andrieuxii Schau.
- Verbena arenaria Hügel = V. incisa Hook.
- Verbena arenariana Kummer = V. incisa Hook.
- Verbena atriota Pabst = V. litoralis H.B.K.
- Verbena bipinnatifida var. bipinnatifida Thomas = V. bipinnatifida Nutt.
- Verbena bonariensis Hook. = V. bonariensis L.
- Verbena bonariensis Willd. = V. bonariensis L.
- Verbena bracteata (Michx.) Lag. & Rodr. = V. bracteata Lag. & Rodr.
- Verbena canescens var. canescens Thomas = V. canescens H.B.K.
- Verbena carascan H.B.K. = V. litoralis var. caracasana (H.B.K.) Moldenke
- Verbena carolina var. polystachya (H.B.K.) Schimpff = V. carolina L.
- Verbena carolineana El-Gazzar = V. carolina L.
- Verbena ciliata var. alba Palmer = V. gooddingii Briq.
- Verbena connatibracteata Gill. & Hook. = Junellia connatibracteata (Kuntze) Moldenke
- Verbena decemloba Mart. = V. phlogiflora Cham.
- Verbena diandra, spicis laxis, calycibus alternis prismaticis truncatis aristatis, foliis ovatis obtusis L. = Bouchea prismatica (L.) Kuntze
- Verbena ellipticifolia α acuta Stokes = Stachytarpheta indica (L.) Vahl

- Verbena ellipticifolia β obtusa Stokes = Stachytarpheta jamaicensis (L.) Vahl
- Verbena genii Hort. = xV. hybrida Voss
- Verbena halei Small x V. xutha Lehm. = xV. allenii Moldenke
- Verbena hastata var. paniculata Lam. = V. hastata L.
- Verbena hybrida var. striata Hort. = xV. hybrida Voss
- Verbena inamoma Briq. = V. inamoena Briq.
- Verbena laciniosa Schwaegr. = V. hastata L.
- Verbena lamberti B.M. = V. canadensis (L.) Britton
- Verbena lilacina Harrison = V. rigida var. lilacina (Benary & Bodger) Moldenke
- Verbena maritima Sm. = V. maritima Small
- Verbena matthessii Turcz. = V. xutha Lehm.
- Verbena multicaulis Raf. = V. simplex var. eggerti Moldenke
- Verbena mysoorensis R. Wight = Svensonia hyderabadensis (Walp.) Moldenke
- Verbena mysuriensis R. Wight = Svensonia hyderabadensis (Walp.) Moldenke
- Verbena neomexicana var. neomexicana Thomas = V. neomexicana (A. Gray) Small
- Verbena officinalis var. natalensis Hochst. -- to be deleted
- Verbena paniculata L. = V. hastata L.
- Verbena x perriana Perkins, Esters, & Tharp = xV. perriana Moldenke
- Verbena pinnatifida Ph. = V. hastata L.
- Verbena pulchella erinoides Zucc. = V. canadensis (L.) Britton
- Verbena pumila Rydb. in Small = V. pumila Rydb.
- Verbena rigida var. glandulosa Moldenke = V. rigida var. glandulosa Moldenke
- Verbena, scutellariae s. cassidae folio, dispermos mericana Pluk. = Bouchea prismatica (L.) Kuntze
- Verbena stricta x halei Perkins, Estes, & Tharp = xV. goodmani Moldenke
- Verbena tenuisectum McReynolds = V. tenuisecta Briq.
- Verbena utenisecta Briq. = V. tenuisecta Briq.
- Verbena venosa var. aspera Lorenz = V. rigida Spreng.
- Verbena virginianum L. = V. xutha Lehm.
- Verbena xutha Lehm. = V. xutha Lehm.
- Verbena xutha Lehm. x V. halei Small = xV. allenii Moldenke
- Verbenella Spach = Verbena [Dorst.] L.
- Verbenella chamaedryfolia Juss. = Verbena peruviana (L.) Britton
- Verbenella tweediana Hook. = Verbena phlogiflora Cham.
- Vitex agnus-castus var. agnus-castus Thomas = V. agnus-castus L.
- Vitex bakeri Robinson -- to be deleted
- Vitex ineisa Hartwell = V. negundo var. heterophylla (Franch.) Rehd.

- Vitex leucopyrus Schmer = V. leucoxylon L. f.
Vitex leucoxylon L. f. = V. leucoxylon L. f.
Vitex melicarpa Janssonius = V. acuminata R. Br.
Vitex negundo var. intermedia (P'ie) Moldenke = V. negundo var. intermedia (P'ei) Moldenke
Vitex paushiniana Mold. = V. panshiniana Moldenke
Vitex trifolia subsp. trifolia Steen. = V. trifolia L.
Vitex trifoliata var. bicolor (Willd.) Mold. = V. trifolia var. bicolor (Willd.) Moldenke
Vitex vestita Griff. = V. vestita Wall.
Volkameria inermis Sessé & Moc. = Clerodendrum ligustrinum (Jacq.) R. Br.
Volkameria, spinis petiolorum rudimentis L. = Clerodendrum aculeatum (L.) Schlecht.
Walnika P. Hermann = Vitex negundo L.
Zapamia Post & Kuntze = Lippia Houst.
Zapania curassavica (L.) Lam. = Ghinia curassavica (L.) Oken — this is the corrected entry
Zapania mutabilis Lam. = Stachytarpheta mutabilis (Jacq.) Vahl
Zapania mutabilis Zuccagni = Stachytarpheta mutabilis var. violacea Moldenke
Zapania odorata Pers. = Lippia javanica (Burm. f.) Spreng. — this is the corrected entry

Additional herbarium acronyms employed by me in various of my publications [in addition to the 299 listed and explained on pages 795—801 of my "Fifth Summary" (1971)] are: Gz = Department of Botany, Faculty of Science, Cairo University at Giza, Giza, Egypt; Hl = Steven R. Hill herbarium, New York, N. Y.; Kh = University of Karachi, Karachi, Pakistan; Kl = University of Malaya, Kuala Lumpur, Malaysia; Ln = Beal-Darlington Herbarium, Michigan State University, East Lansing, Michigan; Lv = Louisiana State University, Baton Rouge, Louisiana; Pd = Sri Lanka Botanical Garden, Peradeniya, Sri Lanka; Rm = Andrew R. Moldenke herbarium, Santa Cruz, California; Sl = San Angelo College, San Angelo, Texas; Te = Arizona State University, Tempe, Arizona; Ts = William Tans herbarium, Madison, Wisconsin; Ub = Universidade de Brasília, Brasília, Brazil; Uw = Wisconsin State University, Oshkosh, Wisconsin; and Zu = Botanischer Garten und Institut für Systematische Botanik der Universität, Zurich, Switzerland.

Many botanists will probably take vigorous exception to my policy of listing obvious misspellings as well as variations in spelling and accreditation in this list of rejected names. Many will probably say that these names should be ignored and not "dignified" by inclusion in a published list of synonymy — and so they should from local floras and regional manuals, where they would only clutter up the synonymy. However, in an all-inclusive work like the "Fifth Summary", where an attempt is made to account for all names likely to be encountered by future workers in these groups,

it seems to me that they should be included lest in the future they should be encountered in some publication or on some herbarium label and cause confusion. Some listed here are obvious misspellings due to typographic or stenographic errors (such as "Verbena carolineana") and certainly were not intentional; others (like "Paepalanthus colombianus") seem to be deliberate "corrections" of the original spelling. The latter is in line with the unfortunate tendency now in many quarters to change the spelling or orthography of scientific names on the pretext that the original spelling violated some rule of grammar or linguistics (as was some time ago advocated by Post and Kuntze). It now becomes increasingly difficult to determine if a new orthography of a given name is accidental or is intentional. Hence, it seems best to include all in this list, in each case referring the new spelling or accreditation to the name and orthography accepted by me in my monographic work on the groups in question. Many variations in spelling appear in published works or on herbarium labels without any accreditation. These are by me accredited to the author or authors of the published work or the collector who prepared the label. Doubtless this will in some cases be regarded as a disservice by the author(s) or collector involved who may insist that they did not intend to propose a new spelling, but since the name, when written, was not formally accredited to anyone else, it seems the only logical procedure to follow. Several scores of such "names" have been thus credited to me and are herein duly recorded in spite of the fact that I never intended to propose such a spelling, combination, accreditation, or even taxon! It is to be hoped that Salisbury's policy of "correcting" names that were "inappropriate" will not be revived by the correctionists.

An interesting recent example of the harm that misspellings on herbarium labels can cause is seen in the name, "Lantana callowiana". This seems to have first appeared, on a herbarium sheet, as a misspelling of the well-known name, Lantana sellowiana Link & Otto, for the purple- or lavender-flowered trailing or "weeping" lantana which is now more correctly known as L. montevidensis (Spreng.) Briq. The misspelled name was reported to gardeners, repeated again and again, and finally taken up without question by professional horticulturists. It now appears as the accepted name in many nursery seed-lists and catalogues, not only in the U.S.A., but also abroad, and has been taken up, again without question, by the authors of horticultural articles, books, and even encyclopedias! A yellow-flowered form, apparently L. depressa Small, is even now masquerading under the name, L. callowiana var. aurea! All of which seems plainly to emphasize that galley- and page-proofs should be examined and corrected more assiduously and herbarium labels should be prepared more carefully. After all, it has been estimated that at least fifty percent of all identifications of unknown specimens in herbaria are made by simple comparison with labeled material and the name on the old label then transferred to the new one.